

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-009841

(43)Date of publication of application : 11.01.2002

(51)Int.Cl.

H04L 12/56

H04Q 7/38

(21)Application number : 2001-138042

(71)Applicant : LUCENT TECHNOL INC

(22)Date of filing : 09.05.2001

(72)Inventor : GRUHL STEFAN  
LATAOUI OMAR  
RACHIDI TAJJE-EDINE  
SAMUEL LOUIS GWYN  
YAN RAN-HONG

(30)Priority

Priority number : 2000 00303888

Priority date : 09.05.2000

Priority country : EP

(54) ENHANCED SERVICE QUALITY CONTROL IN MOBILE COMMUNICATION NETWORK

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a method and system for controlling service quality in a mobile communication network.

**SOLUTION:** In a network such as the UMTS(Universal Mobile Telecommunications System) or the EDGE (Enhanced Data-rate GPRS Evolution) or its equivalent, the QoS (seamless service descriptor) required in the case of hand-over and a deterioration permissible level (service deterioration descriptor) are designated to each new cell, and a call can be accepted by a cell only when the QoS requirements in the two descriptors are satisfied and the QoS requirements of the two descriptors of a present call are not affected in an impermissible way.

